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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/14/2004

Stevens, Davis, Miller & Mosher, L.L.P. Suite 850 1615 L Street, N.W. Washington, DC 20036 EXAMINER

LIN, ING HOUR

ART UNIT PAPER NUMBER

DATE MAILED: 07/14/2004

1725

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/624 497	07/23/2003	Ranian Ray	APV31642	7861	

TITLE OF INVENTION: CASTINGS OF METALLIC ALLOYS WITH IMPROVED SURFACE QUALITY, STRUCTURAL INTEGRITY AND MECHANICAL PROPERTIES FABRICATED IN REFRACTORY METALS AND REFRACTORY METAL CARBIDES COATED GRAPHITE MOLDS UNDER VACUUM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	10/14/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless corrected maintenance fee notification	below or directed otherwise ns.	in Block 1, by (a)	specifying	a new co	respondence address	; and/or (b) indicating a sep	arate "FEE A	DDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7590 07/14/2004				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.				
	Miller & Mosher, L.L V.	.P.		; ;	Ce hereby certify that to States Postal Service addressed to the Ma ransmitted to the USI	rtificate of Mailing or Tran his Fee(s) Transmittal is beir with sufficient postage for fi il Stop ISSUE FEE addres: PTO (703) 746-4000, on the	smission ng deposited w rst class mail i s above, or be date indicated	ith the United in an envelope eing facsimile below.
washington, DO 2	.0050							Depositor's name)
								(Signature)
				Į				(Date)
APPLICATION NO.	FILING DATE	F	FIRST NAMED INVENTOR		OR	ATTORNEY DOCKET NO.	CONFIRMA	ATION NO.
10/624,497	07/23/2003		Ranja	ın Ray		APV31642	78	61
TITLE OF INVENTION: PROPERTIES FABRICAT	CASTINGS OF METALI ED IN REFRACTORY MET	LIC ALLOYS WI TALS AND REFRA	TH IMPRO ACTORY M	OVED SU ETAL CA	RFACE QUALITY, RBIDES COATED	STRUCTURAL INTEGR GRAPHITE MOLDS UNDE	ITY AND M R VACUUM	ECHANICAL
APPLN. TYPE	SMALL ENTITY	ISSUE FE	E	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE	DUE
nonprovisional	YES	\$665			\$300	\$965	10/14	/2004
EXAM	MINER	ART UNI	Т	CL.	ASS-SUBCLASS	ן		
LIN, IN	G HOUR	1725			164-529000	-		
Address form PTO/SB/1 "Fee Address" indicat PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unless	lence address (or Change of C 22) attached. ion (or "Fee Address" Indicat or more recent) attached. Use D RESIDENCE DATA TO B is an assignee is identified be in 37 CFR 3.11. Completion of	ion form of a Customer E PRINTED ON T	(2) the na registered 2 registered listed, no	OR, alternation of a stattorney ed patent name will T (print or one the control of the control o	ngle firm (having as or agent) and the nar attorneys or agents. It be printed. type)	a member a 2 nes of up to no name is 3	document has	been filed for
Please check the appropriat 4a. The following fee(s) are Issue Fee	e assignee category or catego	ries (will not be pri	nted on the p	patent); Fee(s):	and STATE OR CO	corporation or other private g	roup entity	government
			-	ctor is he		is attached. harge the required fee(s), or(enclose an extra or		
	s (from status indicated above MALL ENTITY status. See 3		□ b. Applic	ant is not	claiming SMALL EN	TITY status. See, e.g., 37 CF	R 1.27(g)(2).	
NOTE: The Issue Fee and I	o is requested to apply the Issu Publication Fee (if required) vectors of the United States Pate	vill not be accepted	from anyon					
submitting the completed a this form and/or suggestion Box 1450, Alexandria, Virg Alexandria, Virginia 22313	on is required by 37 CFR 1.3 lity is governed by 35 U.S.C. pplication form to the USPT is for reducing this burden, st ginia 22313-1450. DO NOT -1450. ction Act of 1995, no persons	O. Time will vary nould be sent to the SEND FEES OR C	depending u Chief Infon OMPLETEI	mation Of D FORMS	dividual case. Any c ficer, U.S. Patent and TO THIS ADDRES	omments on the amount of the Irademark Office, U.S. Dep S. SEND TO: Commissioner	oartment of Co for Patents, P.	O to process) preparing, and to complete mmerce, P.O. O. Box 1450,

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Suite 850 1615 L Street, N.W	7		ART UNIT	PAPER NUMBER		
Washington, DC 20036			1725			
			DATE MAILED: 07/14/2004			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.